

Fig. 1

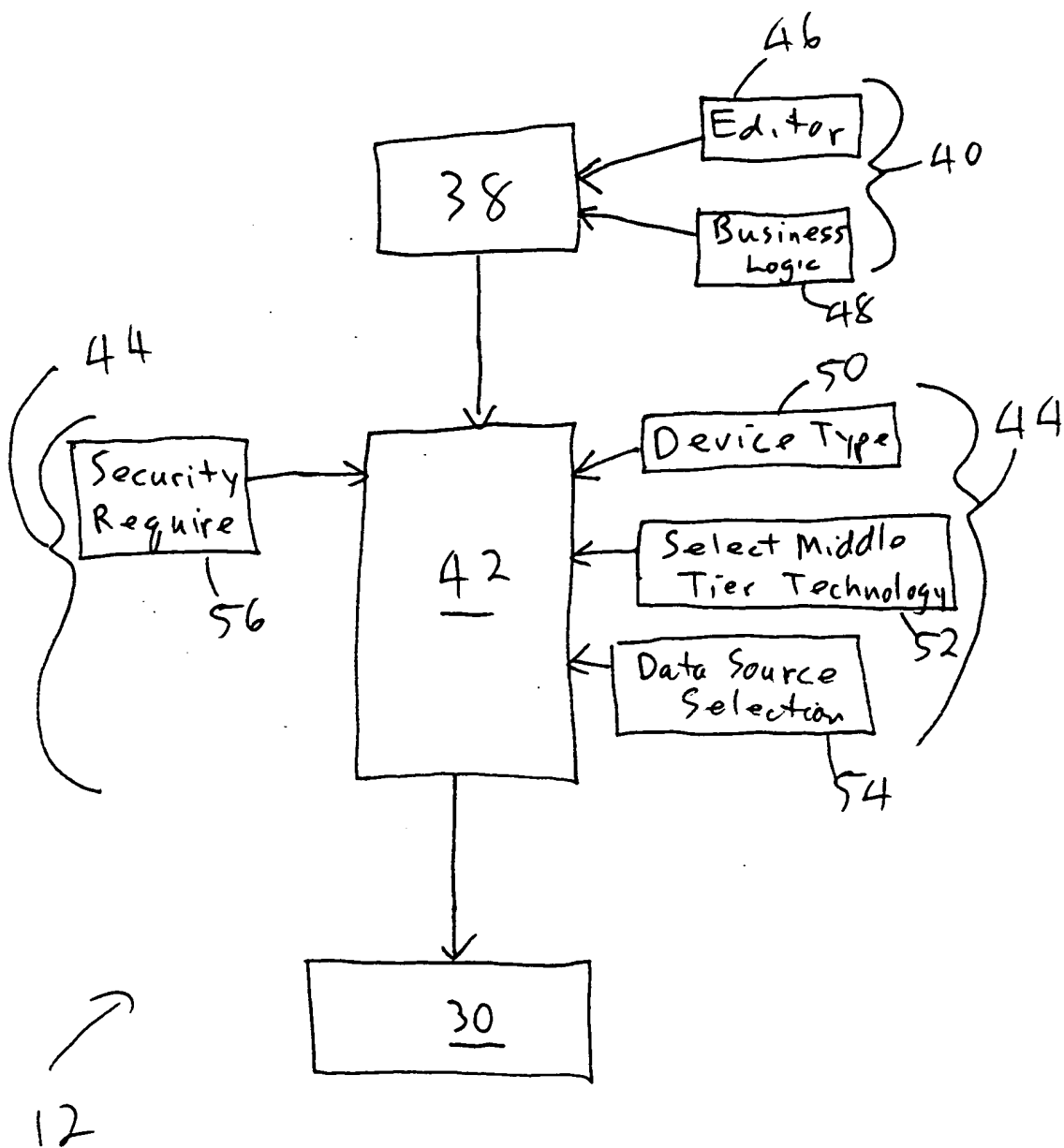


Fig. 2

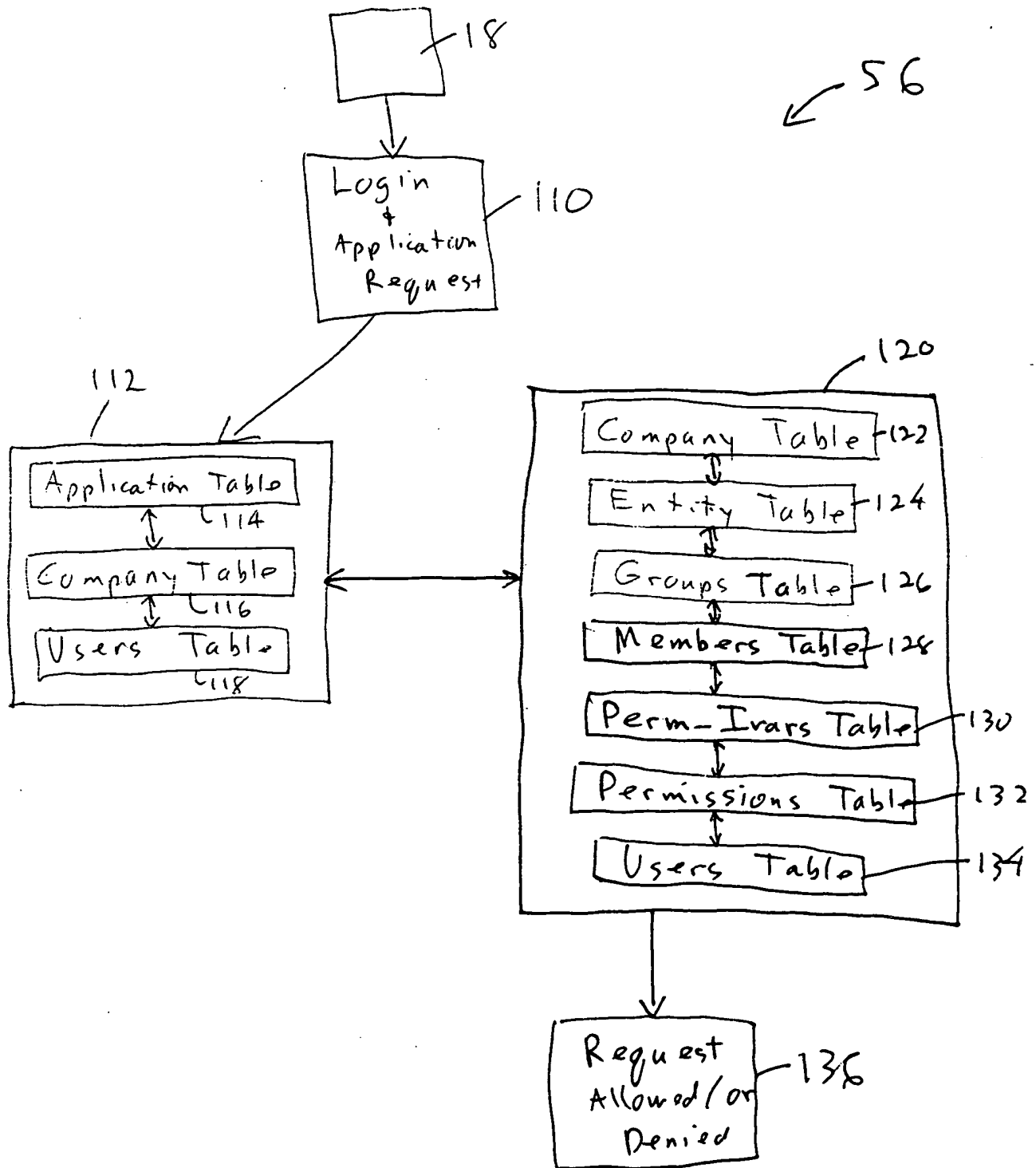


Fig. 3

High Level View

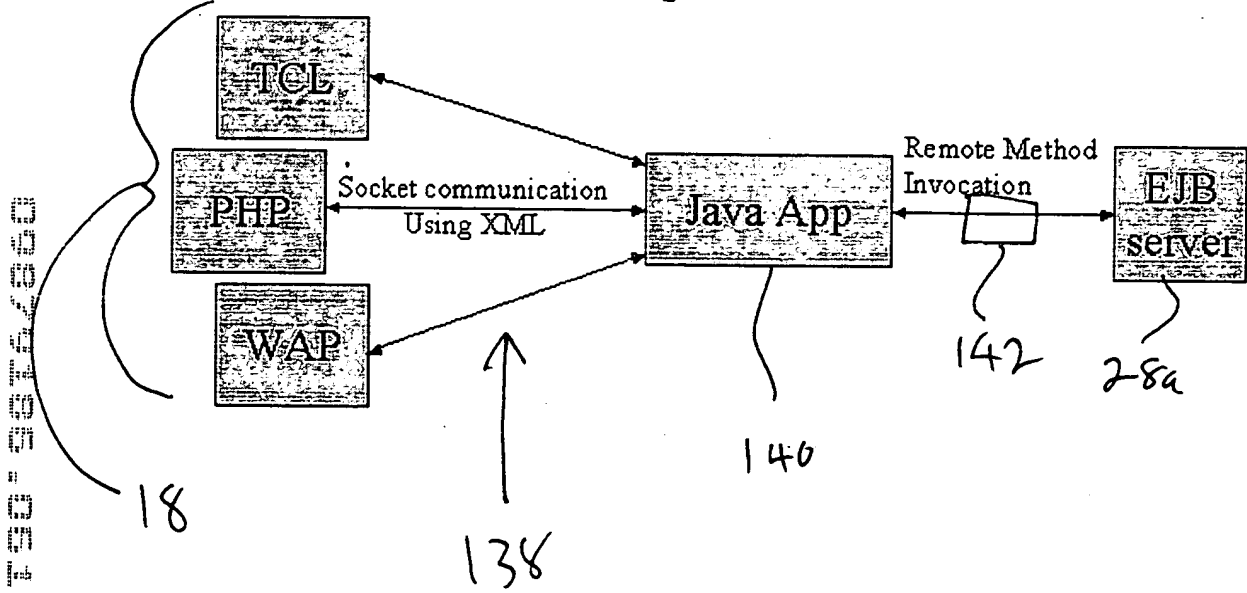


Fig. 4

10

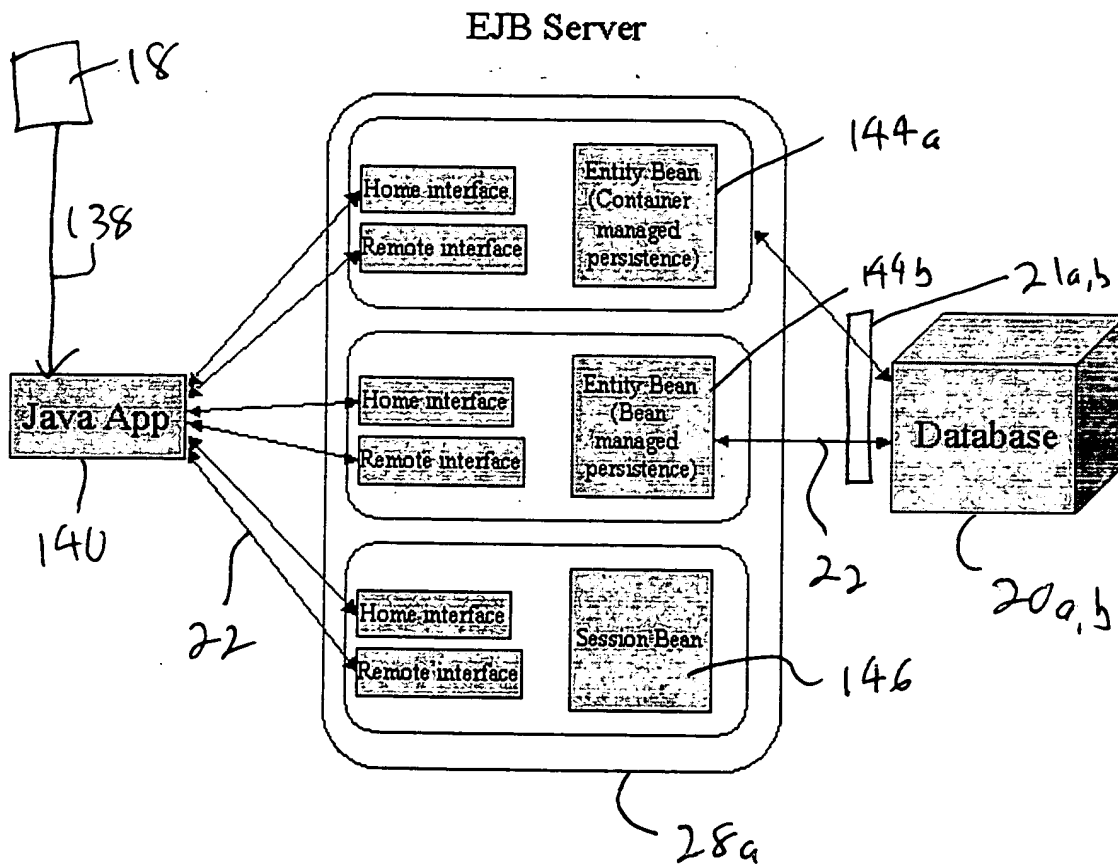
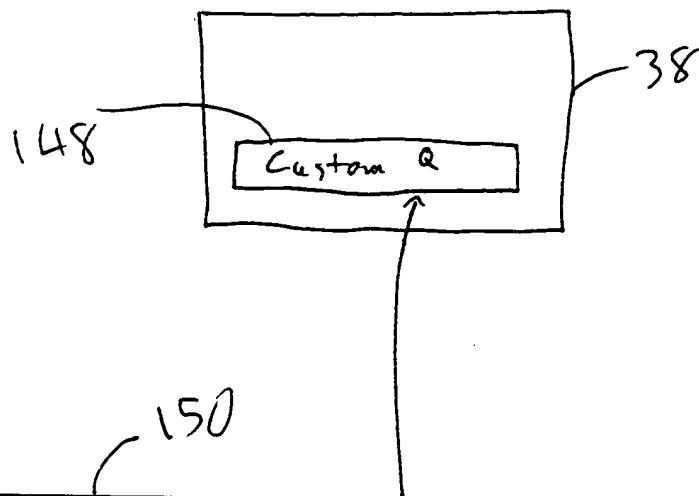


Fig. 5

A screenshot of a software window titled "TRANSACTIONS". The window contains a table with columns: Date, Description, Amount, and Credit. The table lists several transactions, including "Payment to Vendor", "Payment to Vendor", "Payment to Vendor", "Payment to Vendor", "Payment to Vendor", "Payment to Vendor", and "Payment to Vendor". The window has a title bar, a menu bar, and a toolbar. Annotations include:
 

- A bracket labeled "60a" pointing to the title bar area.
- A bracket labeled "60b" pointing to the menu bar area.
- A bracket labeled "58" pointing to the table area.
- A bracket labeled "60c" pointing to the toolbar area.

Fig. 6



Create	Creates a new row in a persistent data store
Load	Loads a row from a persistent data store
Store	Stores the row to a persistent data store
Remove	Removes a row from a persistent data store
GetData	Returns the data in the row
SetData	Sets a specific column of the row with a specified value
Log	A function to record creates/sets/removes to a log for synchronization

Fig. 7





00075106 004004

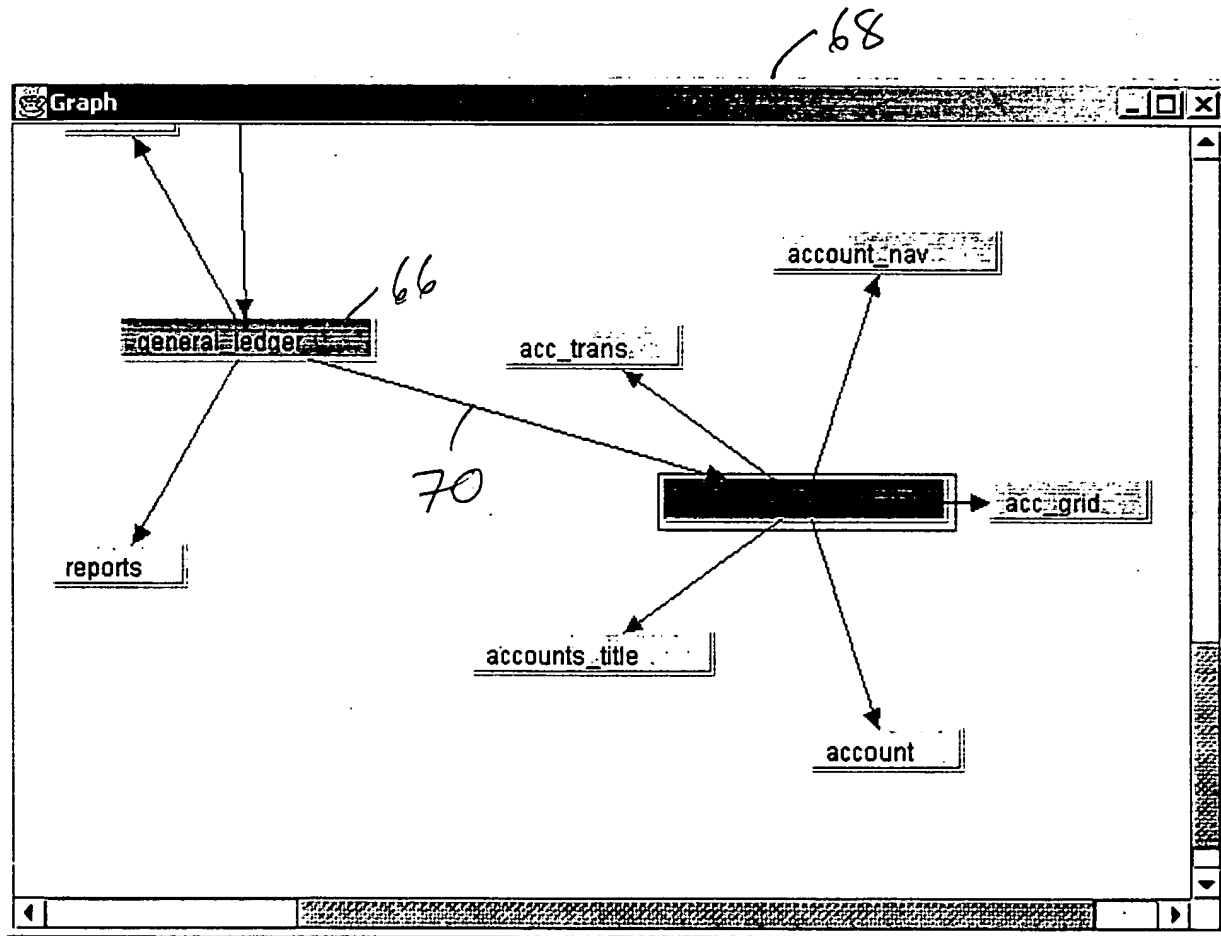


Fig 8b

80

82

78

83

Edit Entity

Edit Entity Edit Children Edit Selected Entity

child\_handle

	Name	Value
0	userIdInputBox	name
1	passwordInputBox	security
2	calogin	row 1
3	title	column 0
4	description	rowspan 1
5	arius	columnspan 1
6	speed	fill BOTH
..		anchor CENTER
		width
		height
		ivars displayValue=.main.calogin.us...
		row .1
		rowspan .1
		columnspan 1
		anchor CENTER
		fill BOTH
		height
		width
		pane
		querytype

Edit Relation Param

OK Cancel Apply Refresh

88

86

90

Fig 8c

84

74

Edit Entity
Edit Children
Edit Selected Entity

	id	type
41	batch_trans	Screen
42	batch_trans_grid	Grid
43	batch_trans_query	Query
44	batches	Table
45	calogin	Login
46	companies	Table
47	company_address	Field
48	company_name	Field
49	company_sys_date	Field
50	companyquery	Query
51	description	Image
52	general_ledger	SpeedMenu
53	income_statementGenerator	ReportGenerator
54	income_statementPanel	ReportPanel
55	income_statementScreen	Screen
56	income_statement_image	Image
57	main	Application
58	passwordInputBox	InputBox
59	rec_acc_parent_query	Query
60	reports	Screen
61	reports_title_image	Image
62	speed	SpeedNav
63	title	Image

Name	Value
name	ConnectedAccounting
security	
row	
column	
rowspan	
columnspan	
fill	
anchor	
width	
height	
buttons	
buttonlocation	
querysystem	PassThru
appname	ca
platform	
servername	
delay	
name	ConnectedAccounting
debug	true
datasource	

Edit Entity Param

OK
Cancel
Apply
Refresh

Fig. 8d

74

Edit Entity

Edit Entity Edit Children Edit Selected Entity

# CONNECTEDACCOUNTING

Username

Password

Login

Connected Accounting:

Lets you access your business-critical data anytime, anywhere.

Professionally set up and maintained; automatic

Name	Type
useridinputBox	InputBox
passwordinputBox	InputBox
calogin	Login
title	Image
description	Image
arius	Image
speed	SpeedNav

Name	Value
------	-------

Edit Param

OK Cancel Apply Refresh

Fig 8e

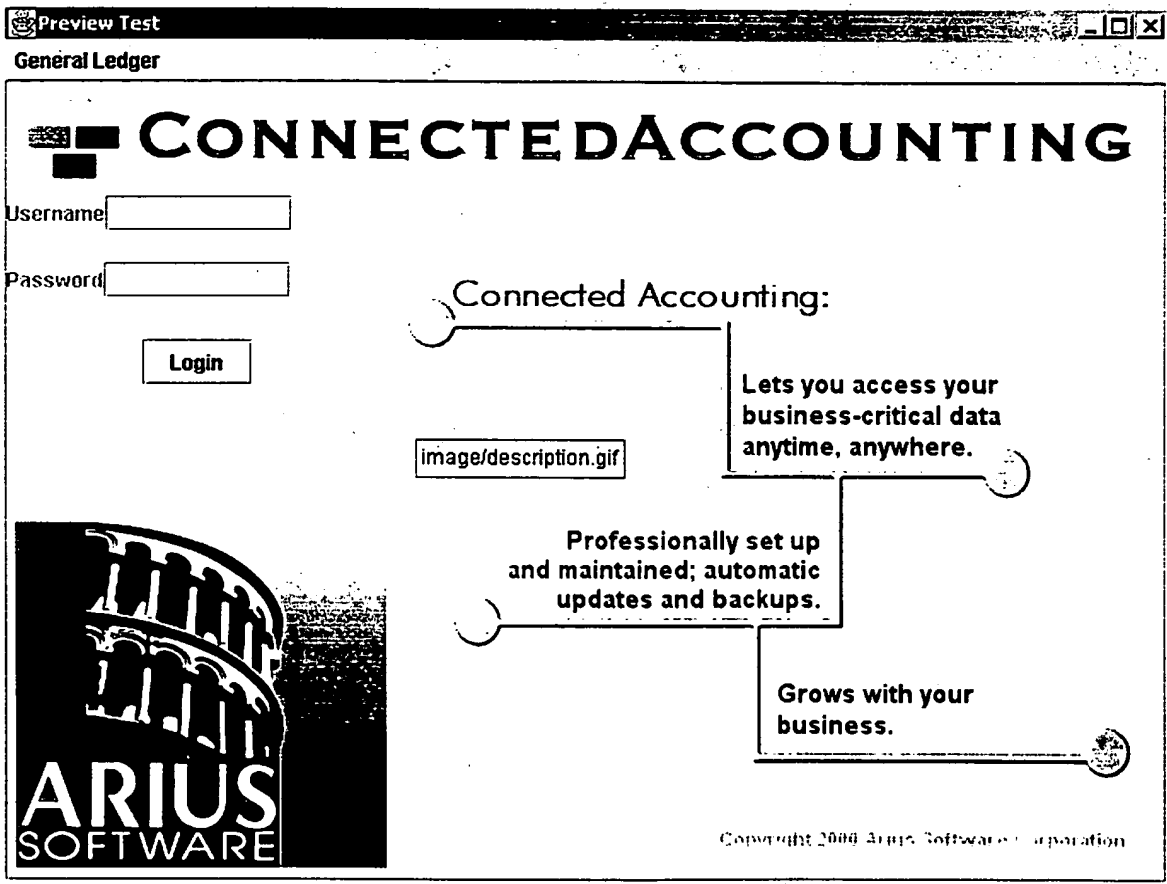


Fig. 8f

18

164

NORTHWEST	NORTH	NORTHEAST
WEST	CENTER	EAST
SOUTHWEST	SOUTH	SOUTHEAST

b)

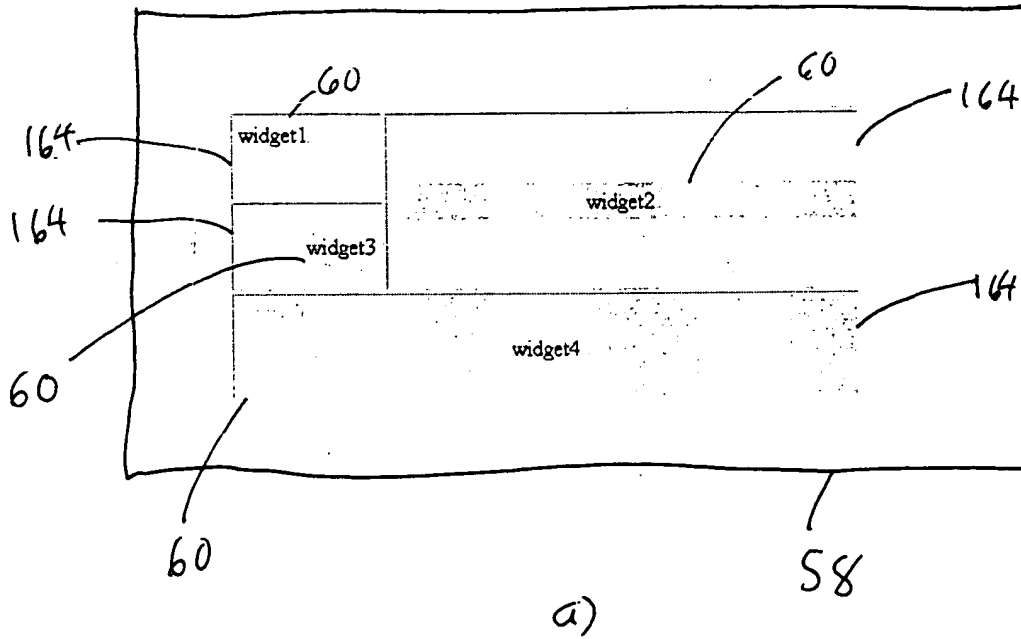
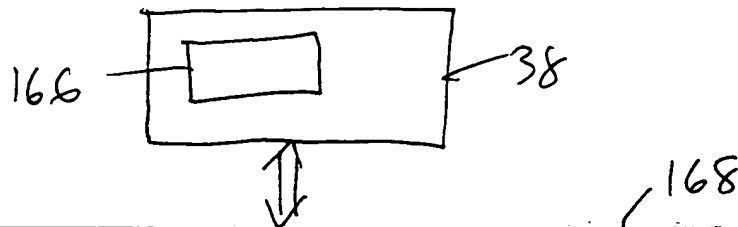


Fig. 9



Account Maintenance

## ACCOUNTS

The Charts of Accounts details the relationships between the accounts.  
This information is used in the generation of reports.

	Number	Name	Parent	Type	hostile
0	0	Chart Of Accounts		Debit	0.00
1	1000	Assets	Chart Of Accounts	Debit	50800.75
2	1200	Cash	Assets	Debit	5778.50

Account Transactions

OK Cancel Apply Refresh

Fig. 10





The flowchart illustrates the system architecture for generating output files. It begins with an **Input file 38** and **Input Param 40, 44**, which feed into the **XML Parser 184**. The XML Parser outputs to the **Construction of in memory model 186**. This model is then processed by the **Entity Iterator 188**, which contains four sub-steps: **Individual entity code generation 190**, **Selection of tier 192**, **Selection of tier target language or component 194**, and **Parsing and interpretation of parameters 196**. The output of the Entity Iterator is a set of **Tier 1 Output files 32**, **Tier 2 Output files 34**, and **Tier N Output files 36**, which are collectively labeled as **Output files 30**. The entire process is enclosed in a box labeled **42**.

30

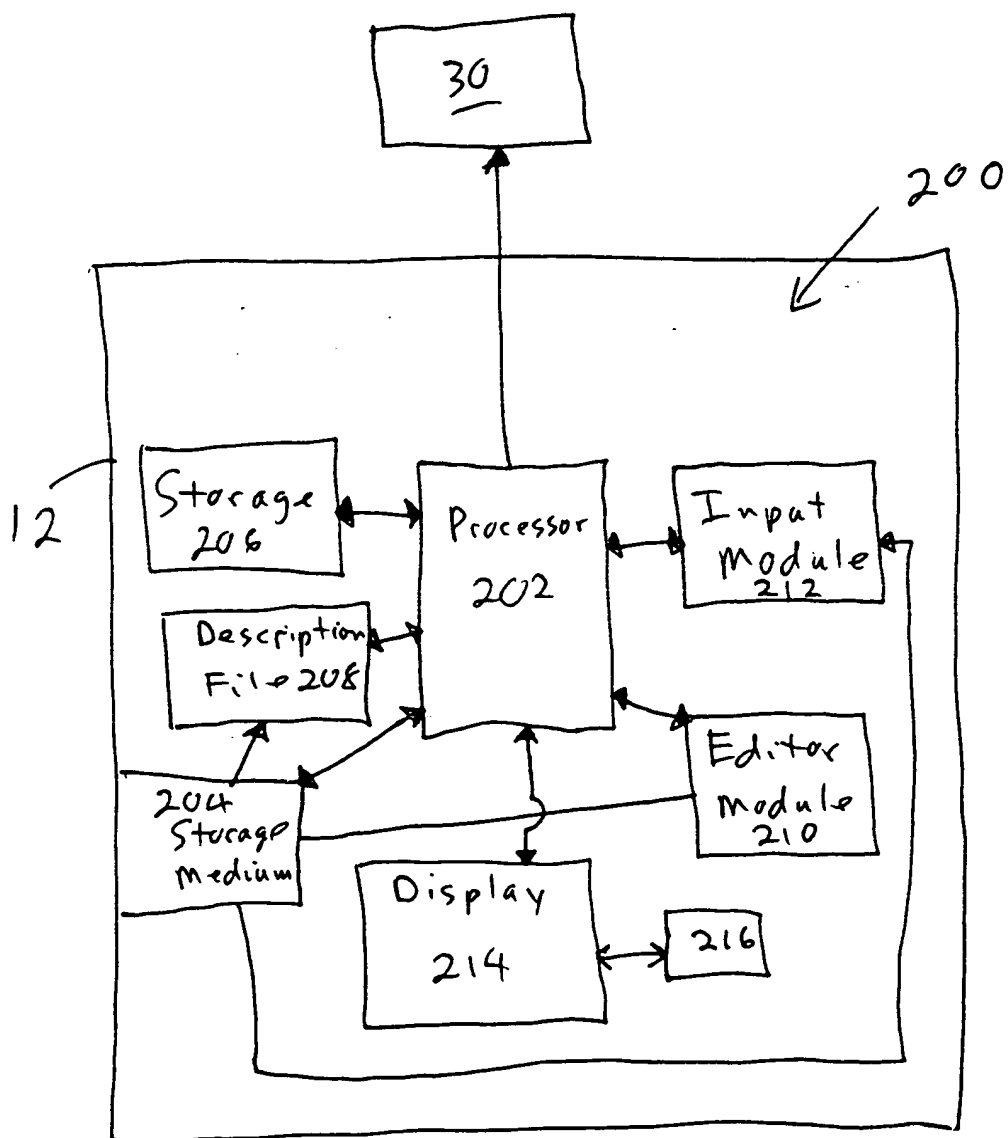


Fig. 13